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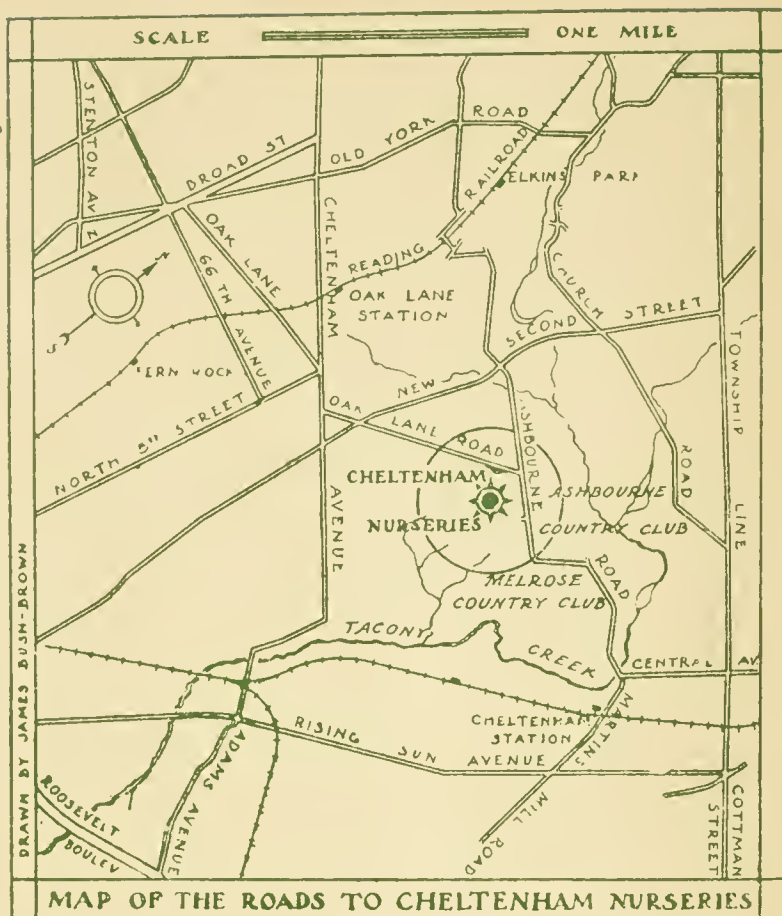


PRIMULA VULGARIS

First Aid To Your Garden

Are you looking for perennials which will really bloom in August? For something which will grow in the shade? Or a flower of just the right color to accent your border? You will find them all within the covers of this little booklet, and much valuable information as well. But if the particular detail you are looking for is not here, come ask us about it. We cannot work miracles, but we have worked with plants and studied them, and we will be glad to help you solve your perennial problems.

CHELTENHAM NURSERIES



To reach the nursery from Philadelphia: At Broad Street just above 6600 north turn east on Oak Lane; after about half a mile bend right onto Cheltenham Road (City Line); less than a block later turn left onto Oak Lane Road; Cheltenham Nurseries is a half mile further, on the right hand side, just before you come to the Ashbourne Country Club.

TERMS OF SALE.

All plants are offered subject to crop failure, losses from other unavoidable causes, and to their being unsold upon receipt of order.

TERMS are cash except for those with established credit; anyone who wishes to open an account should send two business references and give us sufficient time to investigate them. All accounts are due, net, in thirty days; 6% interest will be charged on accounts more than sixty days old.

DELIVERY. It is to the advantage of the customer to come and select his own plants and we are glad to have him do so.

Regular free delivery service will be maintained during the planting season as follows:

Jenkintown and Vicinity	Mondays
Germantown and Vicinity	Wednesdays
Chestnut Hill and Vicinity	Thursdays
(day subject to change without notice)	

Special arrangements may be made for the delivery of large orders.

All orders for delivery outside of our regular area will be sent express collect at the purchaser's risk, unless other arrangements are made. Please add 25 cents extra remittance to all orders of less than \$2.50 which are ordered for shipment; this charge is made to cover, partially, the packing expenses.

(Miss) Elizabeth P. Ridgway, Manager.

CHELTENHAM NURSERIES

Ashbourne & Oak Lane Roads
Cheltenham, Pa.
Phone:
Melrose 1832

Business Hours:
Week days 8 A.M. - 5 P.M.
Evenings by appointment
Sunday closed

PERENNIALS

THE LIST — We have carefully selected the plants for this list, and have excluded all which have no place in the well-considered garden. To be sure all of these perennials are not equally valuable, and some have serious faults, but are included because of their adaptability to some special situation. There is no such thing as a perfect plant: blue flax is possessed of delicacy, grace, color, and a long blooming season, and it is free from disease and insect pests, but mature plants will not stand transplanting and it is short lived, though it compensates somewhat for these faults by self-sowing easily. The net result is one of the most satisfactory plants for the average garden, and so we have had the printer set it in bold type to call your attention to it. *All varieties set in bold type we particularly recommend for their beauty and ease of culture.*

In addition to the species and varieties listed in this catalogue, we have at the nursery many others, of which we have a small stock only; if you do not find what you wish on this list, ask us about it, for we have it in stock.

DESCRIPTIONS — In a catalogue of this size it is impossible to give a complete picture of each plant, its appearance, habits, and preferences, but we have attempted to give here what appear to us to be the salient points. We have had to omit much valuable information, but if you want to know the foliage type of *Caryopteris*, whether *Geums* like sun, or anything else about perennials, we will be glad to assist you to the best of our knowledge and experience.

COLOR — Word descriptions of color are admittedly inaccurate because people do not see alike: what is purple to one may be blue or red to another. If you are trying to work out a color scheme and want to know whether the pink listed is one which will "click" with rose or fight with it, we will give you our opinion on the matter. But as it is a controversial subject, we would much prefer that you would come to see the flowers in bloom and decide for yourself.

DATES — Flowering dates vary, of course, from season to season and place to place, and we only approximate them in this list. We do however keep a record of the blooming dates of all plants in the nursery, so if you live in the vicinity of Philadelphia and want to know whether cowslips and blue phlox can be depended upon to bloom together, we will be glad to give you the benefit of our experience on that point, or any other comparative blooming dates.

HEIGHT — The numbers preceeding the common names of each plant give the approximate height of the plant at blooming time. It is hardly necessary to point out that this will vary, as much as several feet in some instances, according to the soil, the amount of feeding, water, and the care which the plants receive.

TRANSPLANTING TIME — A good general rule is to transplant fall-blooming perennials in the spring and spring-blooming ones in the fall, but this is not always convenient. Almost everything can be transplanted in very *early* spring, as soon as it is possible to get on the ground. All spring transplanting of perennials should be completed before May, and fall planting should be done early enough for the roots to get established before the ground freezes:

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the last of September is ideal for most plants. At any time of year the weather must be taken into consideration: avoid transplanting in a high wind or under a blazing sun; a dull cloudy day before a rain is the best time.

QUALITY — Our plants are divided frequently so that you may be sure of obtaining healthy young specimens. The border perennials are field grown and not to be compared with the small potted divisions frequently offered. Plants difficult to transplant, and small plants which do not suffer from confinement, are grown in pots for your convenience in handling. Younger plants and established clumps of each variety, are usually available and these plants are obtainable at a suitable difference in price. Our plants, as are yours, are subject to the ravages of rabbits, disease, and climate, and while we take every precaution, there is some variation in size from time to time.

PRICES — The prices quoted are for standard one- or two-year (according to variety) field-grown perennials, or their equivalent from pots. In most instances the prices for three, and per dozen, are given in the list. If more than twenty-five plants of one variety are wanted, prices will be quoted upon application. Six plants are sold at the dozen rate, and less than three at the single rate, which is as follows:

For plants quoted at 40c for 3	— 15c each.
“ “ “ “ 55c for 3	— 20c “ .
“ “ “ “ 65c for 3	— 25c “ .
“ “ “ “ 95c for 3	— 35c “ .

GUARANTEE — As after-care and weather conditions are the determining factors in the health of plants, we cannot guarantee them to live and thrive after leaving our nursery. *We do Guarantee all plants to be properly labeled as to variety and color, and we will replace, free of charge, any plants which prove untrue.*

PERENNIALS FLOWERING IN AUGUST

Aster Frikarti	Hibiscus incanus	Salvia azurea
Artemisia lactiflora	“ Moscheutos	“ farinacea
Caryopteris Mastacanthus	Hosta plantaginea	“ Pitcheri
Ceratostigma	Kniphofia Uvaria Pfitzeri	Scabiosa japonica
plumbaginoides	Liatris scariosa	Sedum spectabile
Clematis heracleaefolia	Lobelia cardinalis	“ Sieboldii
Davidiana	“ sylphilitica	Statice latifolia
Eupatorium ageratoides	Phlox paniculata varieties	Thalictrum dipterocarpum
“ coelestinum	Physostegia virginiana	Verbena venosa
Helenium varieties	“ alba	Veronica longifolia
	“ Vivid	subsessilis

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- Achillea Ptarmica* Boule de Nieve, white, 1-2 ft., *Sneezewort*; July; 65c for 3; \$2.50 per doz.
A scraggly plant, with sprays of neat white flowers, excellent for cutting.
- *tomentosa*, yellow, 8-10 in., *Woolly Yarrow*; June, 55c for 3; \$2.00 per doz.
Flat heads of bright flowers from a woolly carpet; rock garden.
- Aconitum Fischeri*, blue, 4 ft., *Common Monkshood*; mid-Sept. to Oct.; 65c for 3; \$2.50 per doz.
Towering spikes of flowers, effective in the shady border; difficult.
- Sparks-variety, deep blue, 5 ft., July; 65c for 3; \$2.50 per doz.
Slender and graceful, liking the same type of situation as ordinary Monkshood.
- Ageratum*, hardy,—see *Eupatorium*.
- Agrostemma*—see *Lychnis*.
- Alyssum argenteum*, yellow, 15 in.; *Yellow Tuft*; June; 55c for 3; \$2.00 per doz.
Bushlets with small silvery leaves, bearing flat heads of greenish yellow flowers over a long period; graceful but not particularly showy.
- *saxatile*, yellow, 1 ft., *Golden Basket*; May; 55c for 3; \$2.00 per doz.
A favorite for the dry sunny rock garden, producing great showers of golden flowers.
- *— citrinum*, pale yellow, 6 in.; May; 65c for 3; \$2.50 per doz.
Somewhat dwarfer than the type, with flowers of soft creamy yellow.
- *— compactum*, yellow, 8 in.; May; 65c for 3; \$2.50 per doz.
Identical with *A. saxatile* except for the more compact habit.
- Anchusa italica* Dropmore, blue, 5 ft., *Alkanet*; June; 65c for 3; \$2.50 per doz.
Bold and showy when in bloom; inclined to be biennial, and rot if planted in a damp place.
- *myosotidiflora* (*Brunnera macrophylla*), blue, 15 in., *Siberian Forget-me-nots*; April; 65c for 3; \$2.50 per doz.
A friendly flower and easy to grow; a real blessing in the spring, but in the summer the coarse leaves are not attractive.
- Anemone Halleri*, lilac, 6 in.; June; 95c for 3; \$3.50 per doz.
A silky plant bearing large flowers on a short erect stem.
- *hupehensis*, rose, 18 in.; Sept.; 65c for 3; \$2.50 per doz.
A dwarf, early blooming, Japanese anemone.
- *japonica*, 3 ft., *Japanese Anemone*; Oct.; 95c for 3; \$3.50 per doz.
Tall and stately; a true patrician and accordingly in need of special care.
Alba—white. Queen Charlotte—semi-double pink.
- *Pulsatilla*, blue purple, 1 ft., *Pasque Flower*; Oct.; 65c for 3; \$2.50 per doz.
A squatty plant with large, attractive flowers, followed by an interesting silky seedpod; likes lime.
- *September Charm*, pink, 1 ft.; Sept.; 95c for 3; \$3.50 per doz.
A hybrid between *hupehensis* and *japonica*; intermediate in form.
- *sylvestris*, white, 1 ft.; *Snowdrop Anemone*; May, June; 50c each
Pure white, fragrant stars, suitable for a rich woods situation.
- Anthemis tinctoria*, yellow, 3 ft.; *Golden Marguerite*; June-July; 55c for 3; \$2.00 per doz.
Rampant but not ragged, and profusely covered with bright, showy daisies; valuable for its long blooming habit, and the excellent stems it offers for cutting.
- *montana*, white, 10 in.; May; 65c for 3; \$2.50 per doz.
Small compact plants with silvery leaves; the white-petaled daisies are yellow centered.
- Aquilegia*—*Columbine*. All of the plants in this group bear graceful, spurred flowers and thrive in a well-drained and aerated situation, in sun or shade. They are short-lived plants, but they add so much to a garden that it is worthwhile to replace them.
- *caerulea*, blue and white, 3 ft., *Colorado Columbine*; May-June; 65c for 3; \$2.50 per doz.
One of the handsomest: 4 in. spurs; difficult to obtain. Low price because we cannot guarantee them true.
- *— Rose Queen*, pink, 3 ft.; May-June; 65c for 3; \$2.50 per doz.
Similar to the preceding species, except that the flowers come in various shades of rose and pink with white or pale yellow spurs.
- *canadensis*, red and yellow, 2 ft.; *Common American Columbine*; May; 65c for 3; \$2.50 per doz.
Small plant with nodding flowers, native of our eastern states.

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- chrysantha, yellow, 4 ft., *Golden-spurred Columbine*; June; 65c for 3; \$2.50 per doz.
Pure yellow variety with same habit and form as caerulea, but longer-lived and later blooming.
- Crimson Star, red, 3 ft.; May; 95c for 3; \$3.50 per doz.
Large, crimson and cream flowers of the caerulea type.
- Dobbie's Imperial Hybrids; 3 ft.; *Long-spurred Hybrids*; May; 65c for 3; \$2.50 per doz.
All colors; in the long-spurred type; recommended where particular color effect is not desired.
- flabellata, white, 1 ft.; *Fan Columbine*; May; 65c for 3; \$2.50 per doz.
A rather chubby Columbine with rounded spurs and flowers of egg shell texture; attractive foliage and dwarf habits make it suitable for the rock garden.
- glandulosa, blue, 10 in.; *Altai Columbine*; May; 50c each.
There is some confusion as to the true form of this plant; ours is a real gem, a tiny alpine plant with huge flowers.
- Helenae, blue, 2 ft.; May; 65c for 3; \$2.50 per doz.
A hybrid with the heavy foliage and flower shape of *A. flabellata*, but with the coloring and some of the size of caerulea.
- Hensol Harebell, blue, 18 in.; May; 95c for 3; \$3.50 per doz.
Semi-dwarf plant, literally covered with flowers of bright, clear color.
- Mrs. Scott Elliott Hybrids, 3 ft.; May; 65c for 3; \$2.50 per doz.
Similar to Dobbie's Hybrids.
- oxysepala, blue, 2 ft.; *Early Columbine*; June; 95c for 3; \$3.50 per doz.
Semi-dwarf variety with rounded spurs.
- Arabis alpina*, white, 1 ft.; *Rock Cress*; April; 55c for 3; \$2.00 per doz.
The earliest flower which creates a real show in the rock garden; should be clipped back from time to time to keep it within bounds.
- floraplana, white, 1 ft.; *Double Rock Cress*; May; 95c for 3; \$3.50 per doz.
A more interesting and attractive form of *A. alpina*; flowers come a little later but last longer.
- Arenaria montana*, white, 4 in.; *Sandwort*; May; 65c for 3; \$2.50 per doz.
A green, prostrate plant, covered with white flowers.
- verna, white, 2 in.; *Sandwort*; May; 95c for 3; \$3.50 per doz.
Tiny, threadlike, mossy plant with small, white flowers.
- Arisaema triphyllum*, green, 3 ft., *Jack in the Pulpit*; April; 55c for 3; \$2.00 per doz.
A familiar wild flower for a moist, shady corner.
- Armeria alpina*, pink, 6 in.; *Thrift*; May; 65c for 3; \$2.50 per doz.
Small heads of flowers above neat tufts of grassy foliage.
- maritima Lauchiana, rose, 1 ft., *Thrift*; May; 65c for 3; \$2.50 per doz.
A larger and brighter edition of the above.
- Artemisia lactiflora*, cream white, 4 ft.; *Mugwort*; Aug.; 55c for 3; \$2.00 per doz.
Tall, frothy plumes; not very showy but useful for the back of the border and for cutting.
- gnaphalodes Silver King, 3 ft.; 55c for 3; \$2.00 per doz.
Delicate and graceful, gray foliage which may be dried for winter bouquets; not a rampant spreader but a bit of a wanderer.
- For other species see Herb leaflet.
- Asclepias tuberosa*, orange, 2 ft.; *Butterfly Weed*; July; 65c for 3; \$2.50 per doz.
Large, flat clusters of vivid flowers, thriving in hot, sunny situations.
- Aster alpinus*, blue-violet, 10 in.; *Alpine Aster*; June; 65c for 3; \$2.50 per doz.
Neat little plants with yellow-centered flowers; a joy in the rock garden.
- Frikarti, blue, 2 ft.; Aug.-Nov.; 75c each.
Of pleasant habit and remarkably long blooming period; large, attractive flowers.
- novae angliae, deep purple, 5 ft.; *Michaelmas Daisy*; Sept.; 55c for 3; \$2.00 per doz.
Very showy in the back of the border; ragged and needs to be staked with care.
- Barr's Pink, rose, 4 ft.; Sept.; 65c for 3; \$2.50 per doz.
Covered with deep rosy flowers; earlier than the type.
- novi-belgii; Queen Mary, soft blue; 3 ft., Sept.-Oct.; 95c for 3; \$3.00 per doz.
A favorite aster of medium height with flowers of clear color.
- White Climax, white, 3 ft.; Sept.; 95c for 3; \$3.50 per doz.

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Astilbe Avalanche, white, 2 ft., *False Spirea*; June; 95c for 3; \$3.50 per doz.

Graceful plumes above neat, attractive foliage; does well in shade—particularly if moist.

— Juno, rose, 3 ft.; June; 95c for 3; \$3.50 per doz.

Aubrietia deltoidea hybrida, deep violet; 6 in.; April; 65c for 3; \$2.50 per doz.

A brilliant showing in very early spring; good drainage is essential, but avoid a hot situation.

Auricula—see Primula Auricula.

Baby's Breath—see Gypsophila.

Balloon Flower—see Platycodon.

Baptisia australis, blue, 6 ft., *False Indigo*; June; 65c for 3; \$2.50 per doz.

Stately plant, useful where Lupines will not thrive; dislikes transplanting.

Beard's Tongue—see Pentstemon.

Belamcanda chinensis (Pardanthus chinensis), orange, 4 ft.; *Blackberry Lily*; July-Aug.; 65c for 3; \$2.50 per doz.

Iris-like foliage; flowers spotted. Shiny black seed in clusters resemble blackberries.

Bellflower—see Campanula.

Blackberry Lily—see Belamcanda.

Blanket Flower—see Gaillardia.

Bleeding Heart—see Dicentra.

Bloodroot—see Sanguinaria.

Bluebells—see Campanula and Mertensia.

Blue Phlox—see Phlox divaricata.

Bocconia cordata (Macleaya cordata), white, 8 ft., *Plume Poppy*; July-Aug.; 55c for 3; \$2.00 per doz.

A handsome, soaring plant, with frothy flowers followed by attractive, bronzy seeds; it will fill a shady corner beautifully, but beware of its spreading propensities.

Broom—see Genista.

Brunnera macrophylla—see Anchusa.

Butterfly Weed—see Asclepias.

Calimeris incisa, white, 15 in.; June-July; 65c for 3; \$2.50 per doz.

Neat little bushy plants, bearing white daisies all summer.

Calluna vulgaris, rose, 3 ft.; *Heather*; Aug.; 50c each.

A slow growing evergreen, useful in the rock garden and for underplanting Rhododendrons.

Campanula carpatica, blue, 1 ft., *Carpathian Hare-bell*; June-Aug.; 65c for 3; \$2.50 per doz.

Round cushions of foliage bearing 2 in., cup-like flowers; useful for summer bloom in the rock garden; withstands shade.

— White Star, white, 1 ft.; June-Aug.; 95c for 3; \$3.50 per doz.

— garganica, blue, 6 in., June; 95c for 3; \$3.50 per doz.

A trailing mat starred with blue; beautiful but requires special handling in the rock garden.

— glomerata, violet, 2 ft., *Clustered Bell Flower*; 65c for 3; \$2.50 per doz.

Stiff stems, bearing tight clusters of brilliant flowers.

— latifolia macrantha, purplish blue, 4 ft.; July; 65c for 3; \$2.50 per doz. Large, striking plants for edge of border or shrubbery.

— medium, 4 ft., *Canterbury Bell*; June; 65c for 3; \$2.50 per doz. Pink, white, blue.

These plants are biennial, must be placed every year, but the gorgeous show which they produce makes it worthwhile. As in all Campanulas, pinching off the individual flowers will lengthen the blooming period.

— calycanthemum, 4 ft., *Cup and Saucer*; June; 65c for 3; \$2.50 per doz. Pink, white, lilac.

Similar to the Canterbury Bell, but with an extra row of petals like a saucer under the cup.

— muralis, (Portenschlagiana), violet, 6 in.; *Wall Harebell*; June; 95c for 3; \$3.50 per doz.

Brilliant stars on neat plants; be careful of drainage.

— persicifolia, blue, 3 ft., *Peach-leaved Bellflower*; June; 65c for 3; \$2.50 per doz.

Tall, slender stems of large flowers.

— Telham Beauty, blue, 3 ft.; June; 65c for 3; \$2.50 per doz.

Flowers of the true stock are 4 in. across; these are grown from seed.

— pyramidalis, pale blue, 5 ft.; *Chimney Bellflower*; July; 65c for 3; \$2.50 per doz.

Striking plant, usually treated as biennial.

— rotundifolia, blue, 18 in., *Harebell*; June-Aug.; 65c for 3; \$2.50 per doz.

Very slender and graceful; flowers small but profuse.

— Trachelium, blue 3 ft., *Blue Foxglove*; July-Aug.; 55c for 3; \$2.00 per doz.

Weedy, but valuable where soil is too bad or too shady for other things.

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Candytuft—see Iberis.

Canterbury Bell — see Campanula medium.

Cardinal Flower—see Lobelia.

Caryopteris Mastacanthus, blue, 5 ft., *Blue Spirea*; Aug.-Oct.; 65c for 3; \$2.50 per doz.

A shrub in the south, but dies back to the ground here; a refined plant for fall accent.

Centranthus ruber, pale red, 2 ft.; *Red Valerian*; June; 65c for 3; \$2.50 per doz.

Large, billowy plants with heads of fragrant flowers; very showy in the large rock garden or border; if the first bloom is cut it will continue to bloom all summer.

— Improved, red, 2 ft., June; 65c for 3; \$2.50 per doz.

— albus, white, 2 ft., June; 65c for 3; \$2.50 per doz.

Cerastium tomentosum, white, 6 in., *Snow in Summer*; May; 55c for 3; \$2.00 per doz.

Gray, woolly, trailing mat, smothered with flowers; invading.

Ceratostigma plumbaginoides (*Plumbago larpentae*), blue, 10 in.; *Lead Plant*; Aug.-Sept.; 65c for 3; \$2.50 per doz. Very brilliant flowers with bronzy foliage; spreading, but one of the best sources of color for the summer and fall rock garden.

Cheiranthus Allioni (*Erysimum asperum*), orange, 1-3 ft.; *Siberian Wall Flower*; May; 65c for 3; \$2.50 per doz.

Neat little plants literally covered with brilliant flowers; blooms the second time if cut back; best treated as biennial.

— Cheiri, 2 ft., *English Wall Flower*; May; 65c for 3; \$2.50 per doz. Mixed—Rich orange, crimson.

Old favorites because of their deep coloring and rich fragrance; transplant early in spring.

Chelone barbata—see Penstemon.

Chelone obliqua alba, white, 2 ft.; *Turtle-head*; Aug.; 65c for 3; \$2.50 per doz.

Tight spikes of large flowers for the rich shady situation.

Chrysanthemum coreanum, white, 3 ft.; *Korean Chrysanthemum*; Sept.-Oct.; 65c for 3; \$2.50 per doz.

Slender daisies so close together that it is hard to see the bright, shiny foliage.

— maximum, white, 2 ft.; *Shasta Daisy*; June; 65c for 3; \$2.50 per doz.

Handsome daisies 3 in. across; does better in moist situation.

— — *Shasta Daisy New Double Giants*, white, 2 ft.; July; 95c for 3; \$3.50 per doz.

Daisy with 2 or more rows of slender petals.

— In Variety, *Hardy Garden Chrysanthemums*; 65c for 3; \$2.50 per doz. *Amelia*, 15 in., clear pink; Aug.-Oct.; we have not tried this variety but it is highly recommended for its dwarf habit.

Barbara Cummings, large yellow, mid-Sept.-Oct.

Bronze Buckingham, single, bronzy yellow; Oct.-Nov.

Frances Whittlesey, large, rich bronzy red; Oct.

Gold Lode, large, clear yellow; Oct.

Jean Cummings, large, white, Oct.

Little Bob, reddish-brown buttons; Nov.

Mae Suydam, large, golden bronze; Nov.

Mrs. Buckingham, single pink; Oct.

Silvery Pink, large, tousled, pink flowers; Oct.

Clematis heracleaefolia Davidiana, blue, 4 ft., July-Aug.; 65c for 3; \$2.50 per doz.

Sparse, hyacinth-like flowers; very fragrant.

— paniculata, white, climbing 30 ft.; *Virgin's Bower*; Sept.; 55c for 3; \$2.00 per doz.

Foaming masses of flowers in fall; lime well.

Columbine—see *Aquilegia*.

Convallaria majalis, white, 8 in.; *Lily of Valley*; May; 55c for 3; \$2.00 per doz. Clumps 95c for 3; \$3.50 per doz.

Well-known for its fragrance; thrives in a shady corner.

Coral Bells—see *Heuchera*.

Coreopsis lanceolata, yellow, 2 ft.; June-Aug.; 55c for 3; \$2.00 per doz.

Cheery flowers surviving almost anything; the plants get ragged about mid-summer.

Cowslip—see *Mertensia* and *Primula elatior*.

Cyclamen hardy rose, 6 in.; Fall; 50c each.

Diminutive duplicates of the well-known house plant; difficult.

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- Cypripedium pubescens* (parviflorum), yellow, 15 in.; *Lady Slipper*; May; 65c for 3; \$2.50 per doz.
Easiest of the native orchids to grow; brown, twisted petals accent the yellow pouch; woods.
- Daisy—see *Anthemis*, *Aster*, *Calimeris*, *Chrysanthemum*, *Doronicum*, and *Pyrethrum*.
- Daphne*, *Cneorum*, pink, 1 ft.; *Garland Flower*; May; 75c each.
A trailing, evergreen shrub; the exquisite, deliciously fragrant flowers appear again in the Fall; by no means easy.
- Day Lily—see *Hemerocallis*.
- Delphinium Belladonna*, light blue, 4 ft.; June; 65c for 3; \$2.50 per doz.
Loose, open spikes of pale blue flowers; not quite so subject to disease as the hybrids.
- *Bellamosum*, dark blue, 4 ft.; June; 65c for 3; \$2.50 per doz.
Like *Belladonna* except for color.
- *chinense* (grandiflorum), blue, 3 ft.; *Chinese Delphinium*; June-Aug.; 65c for 3; \$2.50 per doz.
Foliage like annual Larkspur.
- Dianthus barbatus*, 15 in.; *Sweet William*; June; 55c for 3; \$2.00 per doz.
Short-lived, best treated as biennials.
Auricula flowers, mixed colors in calico effect.
Crimson
Newport Pink, brilliant salmon pink.
Sutton's Fairy, delicate shades of light pink.
Mixed.
- *Beatrix*, pink, 1 ft.; May-June; 95c for 3; \$3.50 per doz.
Beautiful flowers like miniature carnations; dislikes our hot summers.
- *caesius*, pink, 10 in., *Cheddar Pink*; June; 65c for 3; \$2.50 per doz.
Small, mat-forming plant, suitable for rock garden; fragrant flowers, one to a stem.
- *deltoides*, rose, 1 ft., *Maiden Pink*; May; 55c for 3; \$2.00 per doz.
Bright green sods of foliage from which spring the wiry little flowers.
- *neglectus*, rose, 4 in., *Glacier Pink*; June; 95c for 3; \$3.50 per doz.
Miniature plants with large flowers, the petals buff beneath.
- *plumarius*, pink, 18 in.; *Scotch Pink*; May-June; 55c for 3; \$2.00 per doz.
Old fashioned fragrant pinks; spreading.
- *Sternbergii*, rose, 10 in.; June; 65c for 3; \$2.50 per doz.
Spotted, fragrant flowers.
- *superbus*, pale rose, 1 ft.; June; 65c for 3; \$2.50 per doz.
Pale, slender, deeply fringed flowers with neat foliage.
- Dicentra eximia*, rose 2 ft.; *Dwarf Bleeding Heart*; June-Oct.; 65c for 3; \$2.50 per doz.
Deeply cut, airy foliage; nodding flowers with short, rounded spurs; sun or shade.
- *spectabilis* (Dielytra), deep pink, 3 ft., *Bleeding Heart*; April-May; 50c each; \$1.40 for 3; \$5.00 per doz.
A charming, graceful plant with weeping hearts; it dies down in summer.
- Dictamnus albus rubra*, pinkish, 3 ft.; *Gas Plant*; June; 95c for 3; \$3.50 per doz.
Long enduring plant which takes years to get established.
- Digitalis*, *Foxglove*—We are not listing any of the old fashioned biennial Foxgloves, because in spite of all precautions we have had them ruined repeatedly by thrips. The following true perennials are satisfactory border plants—
- *ambigua*, yellow, 3 ft.; *Yellow Foxglove*, May-on; 65c for 3; \$2.50 per doz.
Sparse flowers, large and showy.
- *laevigata*, yellow, 3 ft., Aug.; 65c for 3; \$2.50 per doz.
Yellow, marked purple.
- *lutea*, yellow, 2 ft.; *Straw Foxglove*; June; 55c for 3; \$2.00 per doz.
Dense spikes of small, pale yellow flowers.
- Dodecatheon Meadia*, rose, 1 ft.; *Shooting Star*; May; 65c for 3; \$2.50 per doz.
White-centered flowers which look as though they might fly away; woody situation.
- Doronicum plantagineum excelsum*, yellow, 4 ft.; *Leopard's Bane*; May; 65c for 3; \$2.50 per doz.
Very large and showy daisies on long stems; beware of root lice.
- Dragonhead, False—see *Physostegia*.
- Echinops Ritro*, blue, 4 ft., *Globe Thistle*; July; 55c for 3; \$2.00 per doz.
Metallic blue balls above stiff, prickly leaves.
- Erinus alpinus*, rosy purple, 4 in.; June; 95c for 3; \$3.00 per doz.
A tiny, brilliant alpine; excellent drainage and a bit of shade required.

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Evening Primrose—see *Oenothera*.

Eupatorium ageratoides (*urticaefolium*), white, 3 ft.; *Snake Root*; 55c for 3; \$2.00 per doz.

A rather weedy but not unattractive plant; resistant to abuse.

- *coelestinium*, blue, 3 ft., *Mist Flower*; Sept.; 55c for 3; \$2.00 per doz. Similar to *Ageratum* but with broader flower heads and more wiry stems; to keep healthy, divide frequently.

Ferns—see Inside back cover.

Feverfew—see *Matricaria*.

Filipendula—see *Spirea*.

Flag—see *Iris*.

Flax—see *Linum*.

Foxglove—see *Digitalis*.

Foam Flower—see *Tiarella*.

Funkia—see *Hosta*.

Gaillardia grandiflora (*aristata*), yellow and red, 3 ft.; *Blanket Flower*; June-Oct.; 65c for 3; \$2.50 per doz.

Large and showy; some look as though they had escaped from the circus, while others are pleasingly blended.

Gas Plant—see *Dictamnus*.

Genista sagittalis, yellow, 1 ft.; *Broom*; June; 95c for 3; \$3.50 per doz.

Pea-like flowers, borne close to the winged branches.

Geum chiloense, 2 ft., June; 65c for 3; \$2.50 per doz.

Flowers like large buttercups. Lime. Mrs. Bradshaw, red.

Lady Stratheden, yellow.

Prince of Orange, orange.

- *Heldreichii magnificum*, red orange, 8 in., May; 65c for 3; \$2.50 per doz. A touch of bright color for the early rock garden.

Ground Covers—see Inside back cover.

Gypsophila paniculata *Bristol Fairy*, double white, 3 ft.; *Baby's Breath*; June on; 50c each. \$5.00 per doz.

A mass of airy grace, useful for combining with other flowers in the garden and in bouquets.

Harebell—see *Campanula*.

Heather—see *Calluna*.

Helenium Moerheimi Beauty, bronze red, 2 ft.; July-Sept.; 50c each.

A new dwarf variety with longer blooming season.

- *Riverton Gem*, brownish red, 4 ft., Aug. - Sept.; 65c for 3; \$2.50 per doz.

A really showy plant at a time when there is a dearth in the garden.

- *Riverton Beauty*, yellow, 4 ft.; Aug. - Sept.; 65c for 3; \$2.50 per doz. Clear yellow form which combines well with blue sage.

Helianthemum nummularium mutabile, 1 ft., *Sun Rose*; May - June; 65c for 3; \$2.50 per doz.

Wiry little evergreens with flowers like single roses; effective in a dry sunny rock garden; protect in winter. Varieties: *Fireball*, *Scarlet*; *Pink*; *White*; *Yellow*; *Mixed*.

Hemerocallis flava, yellow, 3 ft.; *Lemon Lily*; May; 65c for 3; \$2.50 per doz.

Clear, fragrant flowers, borne well above wide, grassy foliage; lovely in combination with white *Siberian Iris*.

- *fulva*, orange, 5 ft.; *Tawny Day Lily*; July; 55c for 3; \$2.00 per doz.

Rusty, orange red flowers; difficult to kill.

- *Thunbergii*, yellow, 3 ft.; *Late Lemon Lily*; July; 65c for 3; \$2.50 per doz. Similar to *flava* except for blooming time.

Hen and Chicken—see *Sempervivum*.

Herbs—If interested, send for special list.

Hernaria glabra, green, 3 in.; *Rupture Wort*; 65c for 3; \$2.50 per doz.

A close mat of green foliage turning bronzy red in winter.

Hesperis matronalis, mixed lavender, pink and white; 4 ft.; *Sweet Rocket*; May; 55c for 3; \$2.00 per doz.

Fragrant flowers similar to *Phlox*; effective in a shady situation; sometimes biennial, but usually self-sows.

Heuchera, 2 ft., *Coral Bells*; May - June; 65c for 3; \$2.50 per doz.

Neat rosettes of foliage supporting graceful, slender spikes of flowers. *Rosamundi*, pink; *saguinaria*, coral red; *s. alba*, white; *rosea perfecta*, pink.

Hibiscus incanus, white, 6 ft., *Marsh Mallow*; Aug.; 65c for 3; \$2.50 per doz.

Bushes with large creamy white, crimson-centered flowers.

- *Moscheutos*, rose, 8 ft.; *Rose Mallow*; Aug.; 65c for 3; \$2.50 per doz. Flowers 8 in. across.

Hosta caerulea (*ovata*), lavender, 3 ft.; *Blue Plaintain Lily*; July; 55c for 3; \$2.00 per doz.

Luxuriant foliage even in shade, surmounted by tall stems of nodding flowers.

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- japonica (lanceolata) alba-marginata, pale lilac, 2 ft.; July; 65c for 3; \$2.50 per doz.
Slender plant with white-edged leaves.
- plantaginea (subcordata), white, 30 in.; *Fragrant Plantain Lily*; Aug.; 65c for 3; \$2.50 per doz.
Very large, fragrant flowers; useful in shade along with the rest of the tribe.
- Iberis sempervirens, white, 1 ft.; *Candy-tuft*; May; 65c for 3; \$2.50 per doz.
Neat evergreen with elongated flower heads.
- Little Gem, white, 9 in.; *Candy-tuft*; May; 95c for 3; \$3.50 per doz.
More compact, with large flowers in flat heads.
- Iris cristata, blue, 3 in.; *Crested Iris*; May; 55c for 3; \$2.00 per doz.
White and yellow crest on lower petals; a dainty thing straying under trees or along the edge of a border.
- Kaempferi, 4 ft.; *Japanese Iris*; June; 95c for 3; \$3.50 per doz.
Gekka no nami (Waves Under the Moon).
Early, double, white, good substance, yellow center.
- Hana no nishiki (Brocade Flower).
Double; bright violet-purple, veined white.
- Kimi no megumi (God's Blessing).
Very large, white petals ruffled on edge and veined with blue and having a touch of yellow at center.
- Mahogany, rich red purple, double.
- Tora-odori (Tiger Dance); white with violet tracings.
- Purple, a very fine large, dark purple flower with a touch of yellow at center.
- orientalis, deep blue, 2 ft., *Oriental Iris*; June; 55c for 3; \$2.00 per doz.
Rich flowers among the narrow leaves.
- pallida dalmatica, lavender blue, 3 ft.; May; 55c for 3; \$2.00 per doz.
Clear toned flower, accented by yellow and white beard; broad, glaucous leaves.
- Pseudacorus, yellow, 3 ft.; *Yellow Flag*; early June; 55c for 3; \$2.00 per doz.
Small flowers of Japanese type, effectively naturalized along streams.
- pumila, deep blue purple, 12 in., *Dwarf Iris*; April - May; 55c for 3; \$2.00 per doz.
A large flower on a little plant.
- caerulea, azure blue, 4 in.; April; 65c for 3; \$2.50 per doz.
About half the size of pumila; a group of the plants together looks like a reflection of the sky.
- Canary Bird, pale yellow, 12 in.; May; 55c for 3; \$2.00 per doz.
More slender than the type.
- Orange Queen, yellow, 4 in.; April; 65c for 3; \$2.50 per doz.
Tiny, showy variety.
- reticulata, deep violet, 10 in.; March; 65c for 3; \$2.50 per doz.
Harbingers of spring; bulbous.
- siberica, blue, 4 ft.; *Siberian Iris*; June; 55c for 3; \$2.00 per doz.
Small flowers high above the foliage; graceful and effective.
- alba, white, 4 ft.; June; 65c for 3; \$2.50 per doz.
Milky white with yellow markings.
- tectorum, deep lilac, 18 in.; *Roof Iris*; June; 95c for 3; \$3.50 per doz.
White-crested flowers among the leaves.
- verna, violet blue, 6 in., *Vernal Iris*; May; 65c for 3; \$2.50 per doz.
Smallest of them all; requires a very acid soil, and prefers a bit of shade.
- versicolor, blue, 3 ft.; *Water Iris*; June; 55c for 3; \$2.00 per doz.
Frequently seen wild on the edges of marshes.
- Jack in the Pulpit—see Arisaema.
- Jacob's Ladder—see Polemonium.
- Johnny-jump-up—see Viola Tricolor.
- Kniphofia Uvaria Pfitzeri (Tritoma), flame, 4 ft.; *Torch Lily*; Sept. - Nov.; 65c for 3; \$2.50 per doz.
The best of the Torch Lilies; lower flowers of the rocket-like spike are yellow; protect.
- Ladyslipper—see Cypripedium.
- Lantern, Chinese—see Physalis.
- Larkspur—see Delphinium.
- Lavender—see Herb Leaflet.
- Lemon Lily—see Hemerocallis.
- Leopards' Bane—see Doronicum.
- Leucojum aestivum, white, 1 ft.; May; 55c for 3; \$2.00 per doz.
Green-tipped flowers like large snow-drops; bulbous.
- Liatris scariosa, light purple-violet, 6 ft.; *Blazing Star*; Sept.; 65c for 3; \$2.50 per doz.
Round heads of flowers on long spikes, softer in color than Kansas Gay Feather.

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- Lilium candidum*, white, 4 ft.; *Madonna Lily*; June; 95c for 3; \$3.50 per doz. Horizontal, waxy trumpets; likes lime; makes a fall growth of foliage; must not be covered with manure.
- concolor, scarlet, 3 ft.; *Star Lily*; early June; 95c for 3; \$3.50 per doz. Small, brilliant, star-like flowers held erect.
- philippinense formosanum, white, 18 in.; July; 95c for 3; \$3.50 per doz. Narrow, nodding trumpets.
- regale (myriophyllum), white, 5 ft.; *Regal Lily*; end of June; 95c for 3; \$3.50 per doz. Broad, horizontal trumpets yellow at center; reverses pinkish; very fragrant, easy to grow.
- superbum, orange, 8 ft.; *American Turk's Cap*; July; 95c for 3; \$3.50 per doz. Huge candelabra of small, spotted flowers with petals well turned back.
- tenuifolium, scarlet, 3 ft.; *Coral Lily*; June; 95c for 3; \$3.50 per doz. Brilliant, unspotted flowers of the Turk's Cap type; attractive in the rock garden.
- tigrinum splendens, salmon red, 6 ft.; *Tiger Lily*; July; 65c for 3; \$2.50 per doz. A magnificent splash of color; sturdy and easily grown.
- Lily—see *Lilium*.
- Lily of the Valley—see *Convallaria*.
- Limonium—see *Statice*.
- Linum flavum*, yellow, 1 ft.; *Golden Flax*; June; 65c for 3; \$2.50 per doz. Attractive flowers and foliage, but heavy in comparison to the blue Flax.
- Linum perenne*, blue 2 ft., *Flax*. May to June. 55c for 3, \$2.00 per dozen. Light and airy plants producing a sea of color in the morning; short-lived but self-sows.
- Lobelia cardinalis*, red, 4 ft. *Cardinal Flower*. July to August; 65c for 3; \$2.50 per dozen. Blazing scarlet spikes, effective in deep shade.
- The Bishop, red, 3 ft. August. Improved variety, deeper red flowers and bronzy foliage.
- syphilitica blue, 2 ft. *Great Blue Lobelia*, August to September. 55c for 3, \$2.00 a dozen. Short, dense spikes on squatty plants.
- Lychnis chalcedonica*, scarlet, 3 ft. *Scarlet Lightening*, June. 55c for 3, \$2.00 a dozen. The common name describes it well.
- Coronaria, (Agrostemma) crimson purple 2 ft., *Dusty Miller*, *Rose Campion*, June. 55c for three, \$2.00 per dozen. White, woolly leaves in strong contrast to flowers.
- Lysimachia clethroides*, white 3 ft. *Goose-neck*, July. 55c for three, \$2.00 per dozen. A nodding spike; plants spread like wild-fire in a moist situation.
- Mallow—see *Hibiscus*.
- Matricaria parthenoides*, (*Chrysanthemum Parthenium*) 1 ft. *Feverfew*, July to August. 55c for 3, \$2.00 per dozen. Small plants with flowers like button *Chrysanthemums*. Golden Ball, yellow. Little Gem, white.
- Meadow Rue—see *Thalictrum*.
- Mertensia virginica*, blue, 1 to 2 ft. *Virginian Cowslip*, April. 65c for 3, \$2.50 per dozen. Clusters of drooping bluebells, pink in bud. A spring delight in woodland, moist meadow, or garden.
- Mint—See Herb List.
- Mistflower—See *Eupatorium*.
- Monkshood—See *Aconitum*.
- Moss pink—See *Phlox subulata*.
- Mullein—See *Verbascum*.
- Narcissus Bulbocodium*, yellow, 10 in. *Hoop Petticoat Daffodil*, April 65c for 3, \$2.50 per dozen. Broad, butter-colored trumpets, for the rock garden.
- poeticus floraplena, white, 2 ft.; May; 55c for 3; \$2.00 per doz. Fluted petals with rosebud-like center; blooms well only in moisture and shade.
- Nepeta Mussini*, lavender blue, 2 ft.; *Lipwort*; May - June; 55c for 3; \$2.00 per doz. Trailing, grayish plant, hidden by the small flowers which come again if encouraged by cutting off the seed.
- Souvenir Andre Chaundreau, lavender blue, 2 ft.; June; 95c for 3; \$3.50 per doz. Has not bloomed yet for us; but very well spoken of.
- Oenothera fruticosa Youngii*, yellow, 2 ft.; *Sundrops*; June; 55c for 3; \$2.00 per doz. Colorful; spreads rapidly, but easily controlled.

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- missouriensis, yellow, 1 ft.; *Missouri Evening Primrose*; June; 65c for 3; \$2.50 per doz.
A rock garden plant with flowers 6 in. across.

Oxlip—see *Primula elatior*.

Paeony—see *Peony*.

Painted Daisy—see *Pyrethrum*.

- Papaver orientale*, 3-4 ft.; *Oriental Poppy*; late May, early June.

These great, colorful cups are garden favorites; best transplanted in Aug.; at all other times must be handled with extreme care from pots.

Beauty of Livermore, dark red, strong grower. 95c for 3; \$3.50 per doz.

Joyce, tall, brilliant cerise pink; 95c for 3; \$3.50 per doz.

Mrs. Perry, light salmon pink; 65c for 3; \$2.50 per doz.

Olympia, double Chinese red; spreading habit; 65c for 3; \$2.50 per doz.

Perry's White, silvery white with maroon blotch at the base of each petal; 95c for 3; \$3.50 per doz.

Red, the common variety; 55c for 3; \$2.00 per doz.

- pilosum, apricot, 2 ft.; *Olympic Poppy*; May - Sept.; 65c for 3; \$2.50 per doz.

Delicate flowers of delicious color and wiry stems; rather like a large Iceland Poppy, but a truly satisfactory perennial.

Pardanthus—see *Belamcanda*.

Paris Daisy—see *Pyrethrum*.

- Pentstemon barbatus* Shell Pink (Chelone barbata), light pink, 4 ft.; *Beard's Tongue*; June; 65c for 3; \$2.50 per doz.

Very slender spikes of delicately colored flowers.

- Torreyi, coral red, 4 ft.; June; 65c for 3; \$2.50 per doz.

Brilliant and effective.

- ovatus, blue, 4 ft.; late May, June; 65c for 3; \$2.50 per doz.

Has proved the most satisfactory of the blue Penstemons with us; straight, stiff spikes of clear color; prefers dry ground.

- Peony*, 2-3 ft.; May - June; 50c each; \$1.40 for 3; \$5.00 per doz.

Used in masses in large gardens and as accents in small, they are always effective. Prepare the ground deeply and plant with care, eyes 3 in. below the surface.

Edulis superba, early dark pink.

Mme. Emile Lemoine, milk white, mid-season, vigorous habit.

Felix Crousse, ruby red, early, free blooming.

Festiva maxima, early white occasionally flecked red; vigorous.

Mixed, bargain collection, mostly white and pale pink; 65c for 3; \$2.50 per doz.

- Phlox divaricata*, blue, 1 ft.; *Blue Phlox*; May; 65c for 3; \$2.50 per doz.

Selected for clear color; a delight wherever planted; woods, rock garden or border.

- paniculata, 3 ft., *Garden Phlox*; Aug.; 65c for 3; \$2.50 per doz.

If you want to keep your Phlox true to color, never let the seed form.

Beacon, bright cherry red.

Caroline Vanderburg, lavender.

Enchantress, bright salmon pink.

Mrs. Jenkins, pure white.

- subulata, 4 in. *Moss Pink*; *Mountain Pink*; May; 65c for 3; \$2.50 per doz.

These creeping plants are very colorful and popular.

alba, white with yellow stamens.

Appleblossom, light pink, variable.

G. F. Wilson, clear gray, blue; comparatively slow growing.

Vivid, brilliant clear pink, dwarf.

- suffruticosa Miss Lingard, white, 3 ft.; June - Aug.; 65c for 3; \$2.50 per doz.

Bright, shiny foliage and panicles of fragrant flowers.

- Physalis Alkekengi* (Francheti), 2 ft.; *Chinese Lantern*; 55c for 3; \$2.00 per doz.

The familiar, orange fruits are used for winter decorations.

- Physostegia virginiana* alba, white, 4 ft.; *False Dragon head*; Aug.; 55c for 3; \$2.00 per doz.

Useful in shady border; not so strong growing as the type.

- Vivid, rose, 2 ft.; Sept.; 55c for 3; \$2.00 per doz.

Rapid spreader, of compact habit, with very showy flowers.

Pink—see *Dianthus*.

- Platycodon grandiflorum*, 3 ft.; *Balloon Flower*; July-Aug.; 65c for 3; \$2.50 per doz. Balloon-like buds opening into flat saucers; an attractive bit of color in the garden all through the bare summer season. In color, blue or white.

- semiplenum (floraplana), 3 ft.; July-Aug.; 50c each. Two rows of alternating petals; variable. In color, blue or white.

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- — *Mariesii*, 1 ft.; July; 65c for 3; \$2.50 per doz.
Dwarf, compact type. In color, blue or white.
- Plumbago Larpentae* - see *Ceratostigma*.
- Plume Poppy* - see *Bocconia*.
- Polemonium caeruleum*, blue, 3 ft.; *Jacob's Ladder*; late May-June; 65c for 3; \$2.50 per doz.
An attractive plant with graceful, pinnate leaves and erect stems of delicately-colored flowers.
- *reptans*, light blue, 1 ft.; *Greek Valerian*; April-May; 65c for 3; \$2.50 per doz. The azure flowers almost hide the plant; semi-shade; short-lived but self-sows.
- Polyanthus* - see *Primula polyantha*.
- Poppy* - see *Papaver*.
- Primrose* - see *Primula*, especially *vulgaris*.
- Primula*. All dislike heat and wet feet, but want plenty of moisture; most prefer some shade; *P. japonica* and *P. pulverulenta* require an abundance of water.
- *acaulis* - see *P. vulgaris*.
- *Auricula*, brown, yellow and violet, 8 in.; *Auricula*; May; 95c for 3; \$3.50 per doz. Little smooth-leaved alpine, very fragrant; requires special care.
- *Bulleyana*, orange-scarlet changing to yellow, 2 ft.; June; 95c for 3; \$3.50 per doz.
Tall whorls of large flowers.
- *capitata Mooreana*, deep blue, 1 ft.; June; 95c for 3; \$3.50 per doz.
Small dense heads of flowers above leaves which are silvery underneath.
- *denticulata*, lilac, 1 ft.; April-May; 65c for 3; \$2.50 per doz.
Large, round heads of flowers; leaves disappear in winter.
- *alba*, *Primula denticulata*, white, 1 ft.; April-May; 50c each.
- *elatior*, yellow, 8 in.; *Oxlip*; April; 65c for 3; \$2.50 per doz.
- *frondosa*, pink, 5 in.; March - April; 65c for 3; \$2.50 per doz.
Umbels of small flowers resembling the "baby" primrose grown in houses.
- *japonica*, red purple, 2 ft.; late May-June; 95c for 3; \$3.50 per doz.
Whorl above whorl of brilliant flowers.
- *atrosanguinea*, cherry red.
- *Etna*, deep red.
- *officinalis* - see *P. veris*.
- *polyantha*, 1 ft.; *Polyanthus*; April-May. Hybrids with large flowers, having many on one stem; the showiest and probably the easiest of the *Primulas*; likes more sun than most of them.
Blue flowered, strong growing variety with deep blue flowers; \$1.40 for 3; \$4.00 per doz.
Bronze Queen, bronzy yellow; from seed—not selected plants; 65c for 3; \$2.50 per doz.
Flame, colored as described by the name; 65c for 3; \$2.50 per doz.
Giant Primrose, the same soft yellow as *P. vulgaris*; \$1.40 for 3; \$4.00 per doz.
Munstead Strain; that large flowered strain varies from white to deep butter yellow; 95c for 3; \$3.50 per doz.
- Sutton's Superb Mixed*, all colors — brown, red, yellow, white; 95c for 3; \$3.50 per doz.
Mixed, all colors; 65c for 3; \$2.50 per doz.
- *pulverulenta Bartley Strain*, rose and pink shades, 3 ft.; July; 95c for 3; \$3.50 per doz.
Same form as *P. japonica*; flowers have orange brown eye.
- *Annesgrove Hybrids*, rose, 3 ft.; July; 95c for 3; \$3.50 per doz.
Art shades combining rose and brown.
- *veris*, 8 in.; *Cowslip*; April.
Cowslips have a bunch of small, fragrant, drooping flowers at the top of a stem.
All listed under this heading except the "type" are hybrids with larger flowers held more or less upright.
Type, bright yellow; 95c for 3; \$3.50 per doz.
Hose in Hose, old fashioned garden flowers now rare; one corolla within another; 50c each.
Red, Silver laced; 65c for 3; \$2.50 per doz.
Mixed, all colors, orange, red, brown, yellow; 65c for 3; \$2.50 per doz.
- *vulgaris*, pale yellow, 6 in.; *Primrose*; March-April; 95c for 3; \$3.50 per doz.
True English Primrose; one flower to a stem; often appearing in Feb.
- *Ageratum Blue*, pale pinkish lavender, 6 in.; March; 95c for 3; \$3.50 per doz.
Even earlier than the type.
- *caerulea*, light blue, 6 in.; April; 50c each.
Attractive shade but weak grower.
- Mixed, 6 in.; March-April; 65c for 3; \$2.50 per doz.
There is a large percentage of magentas in this mixture.

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Pulmonaria angustifolia, blue, 1 ft.; *Lungwort*; April; 65c for 3; \$2.50 per doz.
Bright flowers somewhat resembling *Mertensia*.

Pyrethrum roseum hybridum (*Chrysanthemum coccineum*), red, pink or white, 2 ft.; *Painted Daisies*; May-June; 65c for 3; \$2.50 per doz.
Fern-like foliage close to the ground, from which spring the leafy stems bearing the Painted Daisies.

— double, red, pink or white, 2 ft.; *Painted Daisies*; May-June; 65c for 3; \$2.50 per doz.
About 50% of these plants will come with double centers.

Ranunculus Ficaria, yellow, 5 in., *Lesser Celandine*; April; 55c for 3; \$2.00 per doz.

Shiny little buttercups; spring transplanting only. Foliage disappears in early summer.

Red-hot-poker - see *Kniphofia*.

Rock Cress - see *Arabis* and *Aubretia*.

Rock Rose - see *Helianthemum*.

Salvia azurea, light blue, 4 ft.; *Blue Sage*; Aug.; 65c for 3; \$2.50 per doz.
The flowers are a bit of sky come to earth, but the plant is leggy.

— *Pitcheri*, blue, 4 ft.; Sept.; 95c for 3; \$3.50 per doz.
Dazzling; deeper blue and blooms slightly later than *azurea*.

— *farinacea* Blue Bedder, violet blue, 3 ft.; *Mealy Cup Sage*; July-Oct.; \$1.50 per doz.
Flowers all summer; neat plant, sometimes hardy, but usually treated as an annual.

— *officinalis Sage*—see Herb Leaflet.

Sanguinaria canadensis, white, 1 ft.; *Bloodroot*; April; 55c for 3; \$2.00 per doz.
The large flowers are well-known in the spring woods.

Saponaria ocymoides, pink, 9 in.; *Soapwort*; May; 65c for 3; \$2.50 per doz.
A trailing plant which gives a bit of color to the rock garden when there is not much bloom; foliage effect reddish.

Scabiosa caucasica, Isaac House, lavender blue, 2 ft.; *Blue Bonnet*; June-Aug.; 95c for 3; \$3.50 per doz.
Beautiful flowers in round flat heads, but they never seem to thrive very well in our climate.

— *japonica*, violet blue, 2 ft.; Aug.-Nov.; 65c for 3; \$2.50 per doz.
A mass of bloom in the fall; wiry stems, excellent for cutting; biennial.

Sedum acre, yellow, 5 in.; June; 55c for 3; \$2.00 per doz.

A small plant but a mighty creeper.

— *album*, white, 8 in.; June-July; 55c for 3; \$2.00 per doz.
Evergreen, rapid spreader; attractive flowers.

— *dasyphyllum*, pale pink, 2 in.; July; 65c for 3; \$2.50 per doz.
Small and delicate; foliage gray green with pink tinge.

— *kamtschaticum*, orange, 9 in.; Aug.-Sept.; 65c for 3; \$2.50 per doz.
Leaves large and bright green; flowers showy.

— *lydium*, white, 3 in.; June; 65c for 3; \$2.50 per doz.

Bronzy evergreen; a small and leisurely species; not too dry situation.

— *oppositifolium* - see *S. spurium*.

— *sexangulare*, yellow, 3 in.; June; 55c for 3; \$2.00 per doz.
Small, rapidly forms dense mats.

— *Sieboldii*, pink, 8 in.; Sept.; 95c for 3; \$3.50 per doz.
Gray, pink-tipped foliage; slow; a very fine plant.

— *spectabile*, pink, 18 in.; *Live Forever*; Aug.-Sept.; 40c for 3; \$1.50 per doz.
A common plant in cities where it withstands abuse.

— *spurium*, white, 6 in.; July; 65c for 3; \$2.50 per doz.
Large, nearly evergreen leaves; strong growing.

— *ternatum*, white, 6 in.; May; 65c for 3; \$2.50 per doz.
An attractive native doing best in shade, with a reasonable amount of moisture.

Sempervivum, *Hen and Chickens*, *House-leek*. Little rosettes of fleshy leaves. All require good drainage.

— *arachnoideum*, red, 4 in.; *Cobweb Houseleek*; July; 65c for 3; \$2.50 per doz.
Cobwebby rosettes less than an inch across.

— *Laggeri*, red, 4 in.; July; 65c for 3; \$2.50 per doz.
Rosettes twice the size of the type.

— *Doellianum*, pink, 6 in.; 55c for 3; \$2.50 per doz.
Neat compact rosettes about 2 in. across.

— *tectorum*, rose, 12 in.; June; 40c for 3; \$1.50 per doz.
Large, loose rosettes; easily grown.

— *atroviolacea*, rose, 12 in.; June; 65c for 3; \$2.50 per doz.
Similar to *tectorum* except that the rosettes have a purplish tinge.

CHEL TENHAM PERENNIALS

Shooting Star - see Dodecatheon.

Silene Schafta, rose, 6 in.; *Moss Campion*; July-Aug.; 55c for 3; \$2.00 per doz.

Small, mossy plant, giving a touch of color to the rock garden at an off season.

Smilacina racemosa, white, 3 ft.; *False Solomon's Seal*; May; 65c for 3; \$2.50 per doz.

A leafy stem bearing a short terminal panicle of frothy flowers followed by red berries; easy, useful native, for shade.

Snow-in-summer - see Cerastium.

Solomon's Seal - see Smilacina.

Speedwell - see Veronica.

Spirea Filipendula (Filipendula hexapetala) white, 3 ft.; *Dropwort*; June; 65c for 3; \$2.50 per doz.

An attractive plant with stiff stems and small delicate flowers.

— purpurea (palmata), rose pink, 4 ft.; *Meadowsweet*; June; 65c for 3; \$2.50 per doz.

Large plumes of small flowers; does best in a wet place.

— for other species see Astilbe and Caryopteris.

Statice latifolia (Limonium latifolium), lilac; 2 ft.; *Sea Lavender*; July-Aug.; 65c for 3; \$2.50 per doz.

Leaves hugging the ground; airy and graceful flowers, valuable for cutting and drying.

Stokesia cyanea (laevis), blue, 18 in.; *Stoke's Aster*; June; 65c for 3; \$2.50 per doz.

Shiny foliage; 4 in. flower heads on stiff angular stems.

Sundrop - see Oenothera.

Sun Rose - see Helianthemum.

Sweet William - see Dianthus barbatus.

Sweet William, Wild - see Phlox divaricata.

Thalictrum aquilegifolium, 3 ft.; *Meadow Rue*; May; 65c for 3; \$2.50 per doz.

Graceful plant with fuzzy flowers: color from white to purple.

— alba, white, 3 ft.; 95c for 3; \$3.50 per doz.

Selected for true color.

— purpureum, deep lavender; 95c for 3; \$3.50 per doz.

— dipterocarpum, lilac, 3 ft.; July; 95c for 3; \$3.50 per doz.

A beautiful little flower; extremely difficult to winter.

— glaucum, pale yellow, 2 ft.; June-July; 65c for 3; \$2.50 per doz.

Grown mostly for foliage.

Thrift - see Armeria.

Thymus serpyllum album, white, trailing; *White Mountain Thyme*; June; 65c for 3; \$2.50 per doz.

Green, close creeping mat spangled with flowers.

— for other species see Herb Leaflet.

Tiarella cordifolia, white, 1 ft.; *Foam Flower*; May; 65c for 3; \$2.50 per doz.

Fluffy flowers above neat rosettes; woodland.

Torch Lily - see Kniphofia.

Trillium erectum, red, 1 ft.; *Purple Trillium*; May; 65c for 3; \$2.50 per doz.

A curious flower for the wild garden.

— grandiflorum, white, 1 ft.; *Wake-robin*; May; 65c for 3; \$2.50 per doz.

Large flowers fading rosy pink; borne close above the whorl of three leaves.

Tritoma - see Kniphofia.

Trollius Ledebouri Golden Queen, yellow, 2 ft.; *Globe Flower*; June; 95c for 3; \$3.50 per doz.

Slow growing, stately plant producing large, showy buttercups.

Tunica Saxifraga, pink, 10 in.; *Coat-Flower*; June-July; 55c for 3; \$2.00 per doz.

Linear leaves in close tufts; small, pink flowers supported by thread-like stems.

Turtlehead - see Chelone.

Valerian - see Centranthus, Polemonium and Valeriana.

Valeriana officinalis, white, 4 ft.; *Garden Heliotrope*; June; 65c for 3; \$2.50 per doz.

Flat heads of fragrant flowers tinged lavender; leaves compound.

Verbascum olympicum, yellow, 5 ft.; *Moth Mullein*; June; 55c for 3; \$2.00 per doz.

Coarse plant with massive spikes; favorite in England for landscape effect; biennial.

— phoeniceum, pink or purple, 2 ft.; *Purple Mullein*; May-June; 55c for 3; \$2.00 per doz.

Rosettes of leaves pressed close to the ground; spikes of delicate flowers produced off and on all summer.

Verbena venosa (rigida), purple, 1 ft.; July-Oct.; 55c for 3; \$2.00 per doz.

Stiff plant with extremely vivid flowers; not always hardy.

CHELTENHAM PERENNIALS

- Veronica longifolia subsessilis*, deep blue, 2 ft.; *Speedwell*; Aug.-Sept.; 95c for 3; \$3.50 per doz.
A valuable plant; long-blooming, showy and neat.
- *repens*, pale blue, 1 in.; May; 55c for 3; \$2.00 per doz.
Close creeping, moss-like plant; powdered with very pale flowers; ideal between stepping stones in summer shade.
- *rupestris*, violet blue, 4 in.; May; 65c for 3; \$2.50 per doz.
Small, spreading species; sending up little spikes of clear-colored flowers.
- *spicata*, 2 ft.; June-July; 55c for 3; \$2.00 per doz.
Flowers in long dense racemes; useful in the border. In color, blue or pink.
- *Teucrium Shirley Blue*, blue; 1 ft.; May-June; 65c for 3; \$2.50 per doz.
Clear light blue flowers similar to *rupestris*, but larger growing.
- Viola*—The pansy type are hardy perennials, but they must be given special care if they are not to vanish rapidly. All plants in this list except those called "violets" are of this type.
- *Apricot*, apricot yellow, 9 in.; May on; 55c for 3; \$2.00 per doz.
Like small apricot pansies without blotches; clear color.
- *canadensis*, white, 1 ft.; *White Violet*; May; 55c for 3; \$2.00 per doz.
Easy, hardy, plants; flowers sometimes tinged purple; born on leafy stems.
- *florariensis*, violet blue, 6 in.; April-June and Fall; 55c for 3; \$2.00 per doz.
A natural hybrid, blooming very early in the season; lower petals are cream, striped purple; neat in habit.
- *gracilis lutea*, yellow, 6 in.; April-June; 55c for 3; \$2.00 per doz.
Very clear and attractive, but not strong growing.
- *grandiflora* Jane B., deep violet, 9 in.; May-June, Fall; 95c for 3; \$3.50 per doz.
Our own introduction; deliciously fragrant, very large flowers of beautiful color and form.
- *Jersey Gem*, violet purple, 6 in.; May-Oct.; 65c for 3; \$2.50 per doz.
Well-known little plant, flowering all summer.
- *Lavender Gem*, lavender, 4 in.; May-June; 65c for 3; \$2.50 per doz.
Of same habit and form as *Jersey Gem*; but does not withstand heat quite so well.
- *odorata* Rosina, rose, 6 in.; *Pink Violet*; March-April; 95c for 3; \$3.50 per doz.
Very fragrant, rosy flowers on short stems; rich, shady ground.
- *tricolor*, blue, yellow and purple, 8 in.; *Johnny-jump-up*; May-June; 55c for 3; \$2.00 per doz.
"Jumps up" all over the garden but is always welcome; we have several different color forms.
- Virgin's Bower* - see *Clematis*.
Wakenobin - see *Trillium*.
Wallflower - see *Cheiranthus*.
Yarrow - see *Achillea*.

PERENNIALS FOR DRY SOIL

<i>Achillea Ptarmica</i>	<i>Cheiranthus Allioni</i>	<i>Oenothera fruticosa</i>
<i>Boule de Nieve</i>	<i>Centranthus ruber</i>	" <i>missouriensis</i>
" <i>tomentosa</i>	<i>Cerastium tomentosum</i>	<i>Papaver pilosum</i>
<i>Alyssum argenteum</i>	<i>Ceratostigma plumbaginoides</i>	<i>Physostegia virginiana</i>
" <i>saxatile</i>	<i>Coreopsis lanceolata</i>	<i>alba</i>
<i>Anchusa italica</i> Dropmore	<i>Dianthus plumarius</i>	<i>Salvia azurea</i>
<i>Anthemis tinctoria</i>	<i>Echinops Ritro</i>	<i>Santolina incana</i>
<i>Arabis alpina</i>	<i>Gaillardia grandiflora</i>	<i>Sedum album</i>
<i>Artemisia gnaphalodes</i>	<i>Helenium varieties</i>	" <i>acre</i>
Silver King	<i>Helianthemum varieties</i>	" <i>sexangulare</i>
<i>Asclepias tuberosa</i>	<i>Iris pumila</i>	" <i>spectabile</i>
<i>Campanula rotundifolia</i>	<i>Linum perenne</i>	<i>Sempervivum species</i>
" <i>Trachelium</i>		<i>Statice latifolia</i>
		<i>Stokesia cyanea</i>



SHRUBS

We are able to supply some of the more unusual shrubs — fine, healthy plants which we have propagated ourselves. We do not carry a full line of the ordinary shrubs, hedge plants, et cetera.

- Arundinaria Metake, Bamboo*, 15 feet.
Nearly evergreen shoots, as much as an inch thick, form a dense leafy grove in a short time. Hardy, but sometimes winter-kills to the ground in a cold situation.
Good Clumps \$1.00 each, \$10.00 per dozen.
- *Falconeri, Bamboo*, 8 feet.
More slender and not so massive in effect as the preceding. Deciduous.
Clumps, 85c each, \$8.50 per dozen.
- Aucuba japonica*, 6 feet.
Bears ornamental, broad, evergreen leaves; hardy only in protected, shady situation, where it is quite useful. Valuable also as house plant.
Potted plants, 1 foot, 75c; 2 feet, \$1.50.
- *aurea, Gold Dust Bush*, 6 feet.
Large leaves like the preceding but plentifully sprinkled with tiny yellow speckles.
Same price.
- Azalea indica alba, White Indian Azalea*, 6 feet.
Evergreen with large and striking white flowers. Protected situation.
Potted or balled and burlapped, 10 inches, \$1.50 each
- *kaempferi Feodora*, 4 feet.
Hybrid, with large salmon rose flowers. Protected situation.
Potted or balled and burlapped, 9-12 inches, \$1.00 each.
- Buxus suffruticosa, Old English Box*, 3 feet.
This is the well known, small leaved, compact, slow growing evergreen which is so valuable for edging and permanent specimens. Our little plants have not been damaged by the severe winters and are in excellent shape.
3 year old plants, 6 in. high. 20c each, \$2.00 per dozen, \$15.00 per 100.
- Chamaecyparis pisifera squarrosa, Moss Cypress*, 25 feet.
Evergreen tree or shrub with soft grey-green fuzzy foliage. Grown as a specimen it produces a tufty effect of unusual character; or it may be sheared readily into formal shape. Rapid growing.
3 feet \$2.00 each.
- Citrus trifoliata, Hardy Orange*, 15 feet.
Not to be confused with the Osage Orange; this neat, nearly evergreen, little tree has shiny green branches with long thorns. White flowers in spring are followed in fall by many small oranges which produce a colorful effect. Makes an attractive specimen, or an impenetrable hedge.
Specimens, 3-4 feet \$1.00 each.
Hedge plants, 3-4 feet \$3.00 per doz.
Hedge plants, 4-5 feet \$4.00 per doz.
- Cotoneaster horizontalis, Rock Spray*, 3 feet.
Slender, flat, spreading shrub with box-like leaves and red berries. Transplant with care from pots.
4 inch pots, \$.75 each.
- *microphylla*, 2 feet.
Very small, bushy evergreen, with dark green leaves.
3 inch pots, \$.75 each.
- Ilex opaca, American Holly*, 50 feet.
The cheerful berries of this prickly evergreen are always seen at Christmas time. It is slow growing and prefers acid soil. These little potted plants are grown from cuttings selected for sex, so you may be certain of buying berry bearing trees.
3 inch pots, \$1.50 each.
- Jasminum nudiflorum, Winter Jasmine*, 3 feet.
Trailing or climbing shrub, producing its bright yellow flowers before the leaves, as early as February. Give it a southern exposure.
2 feet. \$.50 each; \$5.00 per dozen.
- Kalmia latifolia, Mountain Laurel*, 6 feet.
Evergreen leaves and clusters of pink or white flowers. Requires shade and acid soil. Balled and burlapped.
30 inches, \$3.00 each.
18 inches, \$1.50 each.
12 inches, \$.75 each.
- Leucothoe Catesbaei*, 4 feet.
Broad-leaved, bronzy, evergreen, with drooping clusters of white waxy flowers in May. Plant with Laurel and Rhododendrons.
1 foot, balled and burlapped, \$.75
- Prunus Padus, European Bird Cherry*, 30-40 feet.
Racemes of white flowers, similar to lilacs. 2-3 feet, 35c each.
- Rosa rubiginosa, Sweet-briar Rose*, 5 feet.
The fragrance of the foliage is delightfully fresh. Covered with single, pink flowers in June.
2 feet, 30c each, \$3.00 per dozen.

FERNS AND GROUND COVERS

If you wish to create a woodsy spot in your garden, nothing will do more than ferns to give it a quiet, restful atmosphere. Or if you are confronted with the problem of a bare, unsightly patch on the north side of your house or along the edge of the shrubbery border, ferns may happily solve your problem. Do not expect miracles from them, for they will not grow in hard, poor soil under the drip of eaves. However, it is possible to select a fern which will glorify almost any situation, provided the ground is well prepared—deep and loose with plenty of humus.

Adiantum pedatum, *Hardy Maidenhair*, 15 inches.

Plenty of shade and very rich, circumneutral soil. The most airy of our native ferns.

65c for 3; \$2.50 per dozen.

Asplenium platyneuron (ebeneum), *Ebony Spleenwort*, 6 inches.

Dry, stony situation, overlaid with humus; sun or shade. Stiff narrow fronds.

65c for 3; \$2.50 per doz.

Osmunda Claytoniana, *Interrupted Fern*, 4 feet.

Easy; indifferent to sun or shade; likes stones. Easily transplanted; may be used in foundation plantings. The whole plant is shaped like a graceful fountain.

65c for 3; \$2.50 per dozen.

— *cinnamomea*, *Cinnamon Fern*, 4 feet, Moist acid soil in sun or shade. Crowns of stiff, stately fronds. Represents transplanting.

95c for 3; \$3.50 per doz.

— *regalis*, *Royal Fern*, 4 feet.

Prefers wet, shaded situation, but can survive in any soil, of acid inclination, which is not too dry. Soft and graceful in effect.

95c for 3; \$3.50 per dozen.

Polystichum (*Aspidium*) *acrosticoides*, *Christmas Fern*, 2 feet.

Fond of rocky banks facing north, but grows in almost any shady situation. Evergreen leaves, held stiffly erect, or, in winter, flat against the ground.

65c each; \$2.50 per dozen.

Vinca minor, *Periwinkle*, *Myrtle*, 6 inches.

This little, trailing evergreen vine, with its blue flowers in spring, is always attractive and easy to establish. 65c for 3; \$2.50 per dozen.

GORDONIA CULTURE

The plants are rapid growers and respond well to any acid fertilizer. This, however, should not be applied late in the season as the fall growth may winterkill.

During the first two growing seasons the young plants should be staked and kept well-watered. As the bark of the *Gordonia* is tender and succulent, it is much relished by rabbits which may kill the trees in the winter; but it is a simple matter to prevent damage of this sort by putting chicken wire around the trees in the fall. Except to remove crossing branches and to train to a desired shape, *Gordonia alatamaha* does not require pruning.

HERBS

Does the new style of herb gardening appeal to you? Much interest is now being taken in the medicinal and sweet herbs which grew in Colonial gardens. Herbs have peculiar histories, and we find many recipes for their use in the old garden books and herbals. They were used medicinally to cure anything from indigestion to melancholy. Today thyme, marjoram, parsley, and sage are grown in kitchen gardens for garnishing, and for seasoning meats, poultry, soups, and sauces; others, such as rosemary, lavender, and lemon verbena, are liked for their pleasantly-scented foliage. If you are interested, send for our Herb List; it describes many quaint and unusual varieties.



GORDONIA ALATAMAHA — FRANKLIN'S TREE

In the autumn of 1765 the botanist John Bartram stood on the banks of the Alatomaha River in Georgia; he was waiting for a boat to ferry him to an Indian trading post on the far shore. Ever alert for new specimens, his attention was suddenly fixed by a small spreading tree with foliage of dark shining green. This was the *Gordonia alatamaha*, or Franklin Tree, from which are descended all plants now in existence. The last wild specimen was seen in 1790.

His son William wrote of it:

"We never saw it grow in any other place, nor have I seen it growing wild in all my travels . . . It is a flowering tree of first order for beauty and fragrance of blossom; the tree grows fifteen or twenty feet high, branching alternately; . . . the flowers are very large, expand themselves perfectly, are of a snow-white colour, and ornamented with a crown or tassel of gold-coloured refulgent staminae in their centre . . ."

In the vicinity of Philadelphia the *Gordonia* blooms from late July until the first frosts, when its leaves turn a warm red-orange; it is thus a strikingly ornamental tree at any season. The Cheltenham Nurseries offer to the discriminating gardening public healthy plants suitable for spring planting.

Gordonia alatamaha grows easily under proper conditions. It requires sun and a loose well-drained soil. It should be planted in the spring. Although its roots grow close to the surface they demand cool soil; this can best be affected by placing a mulch of peat moss or leaf-mold over the surface of the soil.

(Continued on inside back cover)

15" <i>Gordonia</i>	\$2.50	3' Bush <i>Gordonia</i>	\$8.00
2' <i>Gordonia</i>	\$3.75	4' <i>Gordonia</i>	\$8.00
2' Bush <i>Gordonia</i>	\$5.00	5' <i>Gordonia</i>	\$10.00
3' <i>Gordonia</i>	\$5.00	Specimen <i>Gordonia</i>	\$15.00

CHEL TENHAM NURSERIES

CHEL TENHAM, PA.